

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application:

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Claims 1-17 (canceled)

18. (currently amended) A cutting bit for camshaft milling cutters, comprising a generally cuboidal body having substantially parallel upper and lower faces, and four side rake faces, and cutting edges formed at transitions between at least one of the upper and lower faces and the side faces, wherein the at least one of the upper and lower faces includes ~~raised corner regions at two diametrically opposed corners thereof, respectively, the raised corner regions extending to respective side faces to form cutting edges at transitions therewith~~ four corner regions including two diagonally opposed corner regions that are raised with respect to the remainder of the at least one of the upper and lower faces, the remainder including a center region and two other diagonally opposed corner regions of the at least one of the upper and lower faces, each of the raised corner regions including a relief face extending to a respective side face to form a raised cutting edge at a transition thereof.

19. (currently amended) The cutting bit according to claim 18 wherein each raised corner region includes a top face arranged substantially parallel to a remaining non-raised portion of the respective upper or lower face and defining the relief face.

20. (currently amended) The cutting bit according to claim 18 wherein a first non-raised cutting edge is formed at an intersection of the side face with a non-raised portion of the at least one of the upper and lower faces, ~~and a second cutting edge is formed at an intersection of the side face with the top face of a respective raised corner portion.~~

21. (currently amended) The cutting bit according to claim 20 wherein ~~a third cutting edge is further including~~ each raised corner region includes a transitional face interconnecting ~~each top relief~~ face with the non-raised portion of the at least one of the upper and lower faces, wherein a ~~third~~ transitional cutting edge is formed at an intersection of the side face with the transitional face.

22. (currently amended) The cutting bit according to claim 21 wherein each raised corner ~~portion~~ region forms a set of the ~~second and third~~ raised and transitional cutting edges on one side of the respective corner region, and forms another set of the ~~second and third~~ raised and transitional cutting edges on the other side of the same corner region.

23. (previously presented) The cutting bit according to claim 18 wherein the cutting body has a rectangular shape when viewed in a direction perpendicular to the upper and lower faces.

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24. (previously presented) The cutting bit according to claim 23 wherein the rectangular shape is square.

25. (currently amended) The cutting bit according to claim 18 wherein the raised corner regions are of mirror-image symmetrical configuration with respect to a diagonal line extending between ~~corners of the at least one of the upper and lower faces, the corners being the ones at which the raised corner portions are disposed~~ the two other corner regions.

26. (currently amended) The cutting bit according to claim 25 wherein the raised corner regions are also of mirror-image symmetrical configuration with respect to another diagonal line extending between ~~corners of the at least one of the upper and lower faces, the corners being ones at which the raised corner portions are not disposed~~ the two other corner regions.

27. (currently amended) The cutting bit according to claim 18 wherein the raised corner regions are of mirror-image symmetrical configuration with respect to a diagonal line extending between ~~corners of the at least one of the upper and lower faces, the corners being the ones at which the raised corner regions are disposed~~ the two other corner regions.

28. (canceled)

29. (previously presented) The cutting bit according to claim 18 wherein the four side faces include two pairs of mutually parallel side faces, wherein the at least one of the upper and lower faces consists of both of the upper and lower faces to render the cutting bit reversible.

B3 30. (previously presented) The cutting bit according to claim 18 wherein the side faces converge toward the lower face, and the at least one of the upper and lower faces consists of the upper face.

31. (currently amended) A disc milling cutter comprising a cylindrical disc having a plurality of seats formed therein, the seats spaced apart circumferentially with respect to a center axis of the disc, and cutting bits mounted in respective ones of the seats in direct engagement with seat-forming surfaces of the disc, the cutting bits comprising a generally cuboidal body having substantially parallel upper and lower faces, and four side faces, ~~and cutting edges formed at transitions between at least one of the upper and lower faces and the side faces,~~ wherein the at least one of the upper and lower faces includes ~~raised corner regions at two diametrically opposed corners thereof, respectively, the raised corner regions extending to respective side faces to form cutting edges at transitions therewith~~ four corner regions including two diagonally opposed corner regions that are raised with respect to the remainder of the at least one of the upper and lower faces, the remainder including a center region and two other

diagonally opposed corner regions of the at least one of the upper and lower faces, each of the raised corner regions including a relief face extending to a respective side face to form a raised cutting edge at a transition thereof.

32. (previously presented) The disc milling cutter according to claim 31 wherein each seat comprises a mounting pocket, each mounting pocket including at least first, second and third walls arranged perpendicular to one another, the first wall oriented parallel to a plane containing both the axis and a radius of the disc intersecting the respective mounting pocket; the second wall oriented substantially perpendicularly to the axis, the third wall oriented substantially perpendicular to the radius, the third face including an opening for receiving a respective raised corner region of the cutting bit.

B3 33. (previously presented) The disc milling cutter according to claim 31 wherein the disc includes a cylindrical peripheral surface, and an end face at an end of the peripheral surface, at least some of the seats disposed in an edge defined by an intersection of the peripheral surface and the end face.

34. (previously presented) The disc milling cutter according to claim 33 wherein the at least some seats are spaced equidistantly apart.

35. (previously presented) The disc milling cutter according to claim 33 wherein the end face constitutes a first end face, the disc further including a second end face situated opposite the first end face, some of the seats disposed in an edge defined by an intersection of the peripheral surface and the second end face.

36. (currently amended) The disc milling cutter according to claim 35 wherein the seats disposed in each edge the edge defined by the intersection of the peripheral surface and the second end face are equidistantly spaced apart.

37. (previously presented) The disc milling cutter according to claim 36 wherein the cutting bits disposed in each of the edges have respective active cutting edges extending generally parallel to the axis, the active cutting edges of the bits disposed in one of the edges arranged to overlap the active cutting edges of the bits disposed in the other edge.

38. (previously presented) The disc milling cutter according to claim 37 wherein each active cutting edge includes a radially outermost portion and an axially outermost portion which portions of each active cutting edge are formed by a raised corner portion of each bit.

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39. (new) A disc milling cutter comprising a cylindrical disc having a plurality of seats formed therein, the seats spaced apart circumferentially with respect to a center axis of the disc, and cutting bits mounted in respective ones of the seats, the cutting bits comprising a generally cuboidal body having substantially parallel upper and lower faces, four side faces, and cutting edges formed at transitions between at least one of the upper and lower faces and the side faces, wherein the at least one of the upper and lower faces includes raised corner regions at two diagonally opposed corners thereof, respectively, the raised corner regions extending to respective side faces to form cutting edges at transitions therewith, wherein each seat comprises a mounting pocket, each mounting pocket including at least first, second and third walls arranged perpendicular to one another, the first wall oriented parallel to a plane containing both the axis and a radius of the disc intersecting the respective mounting pocket; the second wall oriented substantially perpendicularly to the axis, the third wall oriented substantially perpendicular to the radius, the third face including an opening for receiving a respective raised corner region of the cutting bit.

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